

# FILE NOTATIONS

Entered in WFD File .....  
 Location Map Pinned .....  
 Card Indexed .....

Checked by Chief *faib*  
 Approval Letter *11-13-67*  
 Disapproval letter .....

## COMPLETION DATA:

Date Well Completed *1-20-70* .....

Location Inspected *1-19-70* .....

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land .....

## LOGS FILED

Driller's Log *5-1-70* .....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Fee Lease (Thos. E. Hunter)

5. Lease Designation and Serial No.

No

6. If Indian, Allottee or Tribe Name

None

7. Unit Agreement Name

Marsing Brothers

8. Farm or Lease Name

A.E.C. Miller Creek #3

9. Well No.

Wildcat

10. Field and Pool, or Wildcat

Sec 27 T15S R10E, S.L.Mer.

Sec., T., R., M., or Blk.  
and Survey or Area

Carbon County Utah

12. County or Parrish 13. State

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

Oil Well ☐

Gas Well ☒

Other

Single Zone ☐

Multiple Zone ☐

2. Name of Operator

Associated Energy Corporation

3. Address of Operator

1877 E. 7000 So. Salt Lake City Utah 84121

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec.27, T15S, R10E, S.D. Mer., Carbon County Utah

At proposed prod. zone

Same

NA NESW

14. Distance in miles and direction from nearest town or post office\*

Approximately 8 miles from Price Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.

(Also to nearest drlg. line, if any)

1910' from West Line & 2100' North of  
the South Line, Sec. 27

16. No. of acres in lease

17. No. of acres assigned  
to this well

320

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

19. Proposed depth  
Approx. 800' to

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5561 GR

22. Approx. date work will start\*

12.14.69

23.

### PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9"	7"		3 joints	Quantity Sufficient

See Attached Sheet

BOP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Harold P. Lish

Signed

Title

President

Date

11.12.69

(This space for Federal or State office use)

Permit No.

43-007-3000F

Approval Date

Approved by

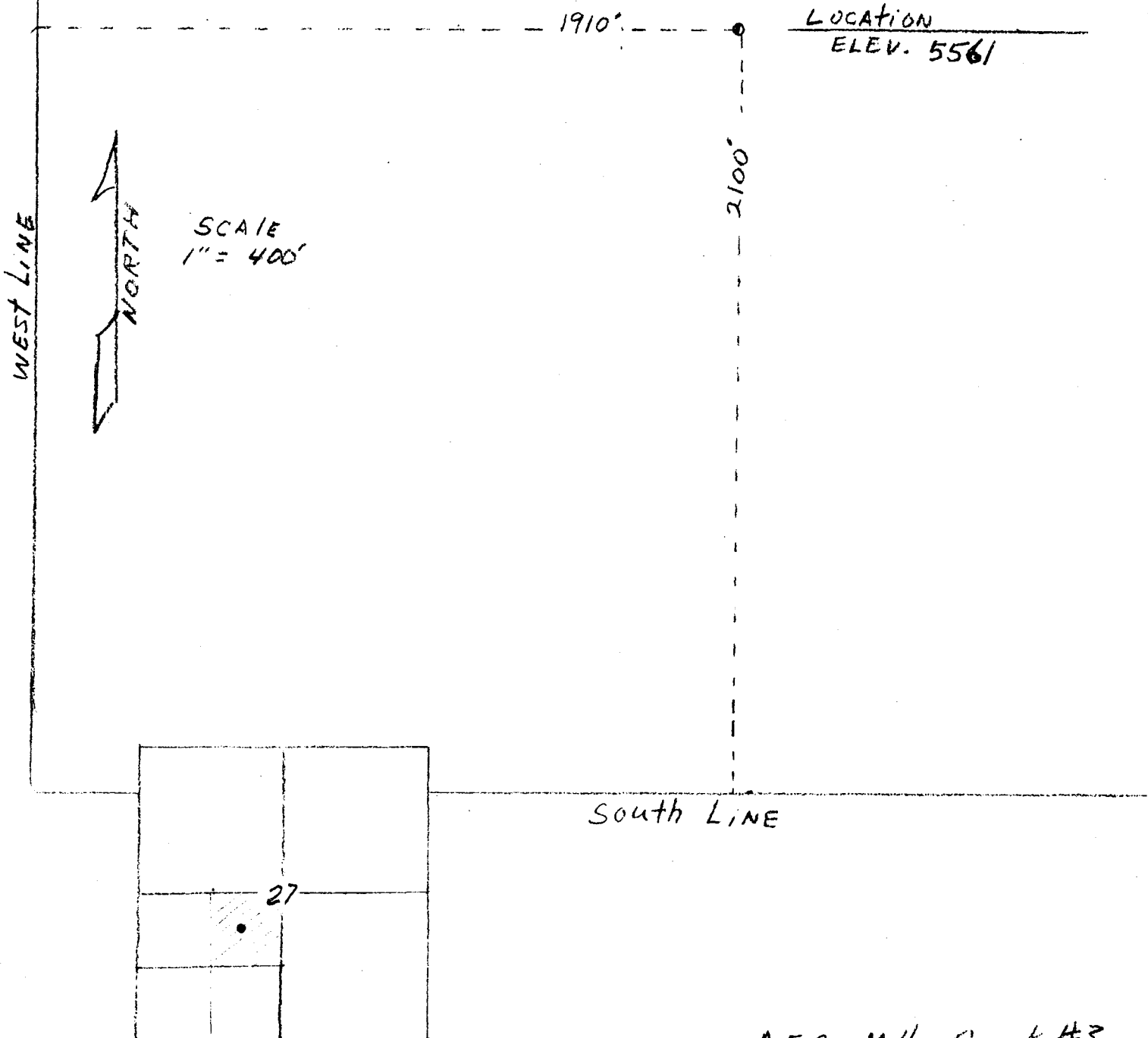
Title

Date

Conditions of approval, if any:

\*See Instructions On Reverse Side

## CERTIFICATE OF WELL LOCATION



LOCATION  
ELEV. 5561

A.E.C. Miller Creek #3

This is to certify that the above plat was prepared from field notes of an actual survey made by me and the same is a true and correct copy to the best of my knowledge and belief.

Glen M Ruby  
Glen M Ruby Geologist

Well Location: NE 1/4 SW 1/4  
Sec. 27, T.15S., R. 10E.,  
S.L. mer., Carbon County,  
Utah

June 17, 1969

## PROPOSED CASING AND CEMENTING PROGRAM

- a. Drill to a depth of approximately 100 feet and set surface casing and blow-out preventer.
- b. Drill to the top of the Ferron Sand, run 5½ inch casing and place a 5½ inch orbit drilling valve on the casing.
- c. On the 5½ inch orbit valve place a 5½ inch by 2 3/8 inch screwed tubing head with a 2 3/8 inch stripper rubber and slips with 2 each 2 inch threaded outlets with a 2 inch valve on each side.
- d. To eliminate junk in the hole, run a perforated joint on the bottom with a cres pin coupling and a bull plug.
- e. To keep the gas from coming up the tubing while tripping in the hole, place a cast iron disc in the first joint of tubing.
- f. Drill into the gas, open the valves on the side of the tubing head, trip the tubing in the hole and screw a 2 3/8 inch orbit valve on the top joint of the tubing, open the valve, and drop a small steel bare to break the cast iron disc, thus completing and shutting in the well without killing it.
- g. In the event the well is a dry hole or non commercial well, as determined by the Corporation geologist, the Contractor will plug and abandon the well in accordance with the instructions of the Utah Oil and Gas Conservation Commission and/or the United States Geological Survey whichever is applicable.

November 13, 1969

Associated Energy Corporation  
1877 East 7000 South  
Salt Lake City, Utah 84121

Re: Well No's: A.E.C. Miller Creek  
#1 thru' #5,  
Sec.s: 26-27 & 34-35, T. 15 S,  
R. 10 E,  
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted in accordance with the Order issued in Cause No. 137-1. However, this approval is conditional upon a bond being filed as required by our Rules and Regulations.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

This approval terminates within 90 days if the wells have not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

The API number assigned to these wells are:

- #1 - 43-007-30006
- #2 - 43-007-30007
- #3 - 43-007-30008
- #4 - 43-007-30009
- #5 - 43-007-30010

(See Bulletin D-12 published by the American Petroleum Institute)

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
Enclosures

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.  
**Fee Lease (Thos.E.Hunter)**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**No**

7. UNIT AGREEMENT NAME  
**None**

8. FARM OR LEASE NAME  
**Marsing Brothers**

9. WELL NO.  
**A.E.C. 3**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 27, T15S, R10E, S.L. mer.**

12. COUNTY OR PARISH  
**Carbon**

13. STATE  
**Utah**

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐  
2. NAME OF OPERATOR  
**Associated Energy Corporation**  
3. ADDRESS OF OPERATOR  
**1877 E. 7000 So. Salt Lake City Utah 84121**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface **NE 1/4 SW 1/4 Sec. 27, T15S, R10E, S.D. mer., Carbon County, Utah**

14. PERMIT NO.  
**43-007-30008**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5561 GR**

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well drilled to bottom Ferron Sandstone, 0 to 600 feet, and cemented to the surface. Well drilled to total depth of 900 feet. Water encountered at 5 feet, 24 barrels per day. Small gas show from 470 feet to 620 feet. Largest zone encountered at 781 feet. Well was shut in for testing.

Well was logged. (Copy enclosed)

18. I hereby certify that the foregoing is true and correct

SIGNED

*Handwritten Signature*

TITLE

**President**

DATE

**1.23.70**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number A.E.C. no. 3  
Operator Associated Energy Corporation Address 1877 E. 7000 So. Phone 277-2657  
Contractor Gunnison Drilling Address Box 683 Delta, Colo. Phone 874-3482  
Location NE 1/4 SW 1/4 Sec. 27 T. 15 N R. 10 E Carbon County, Utah  
S W

Water Sands:

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>	
	From	To	Flow Rate or Head	Fresh or Salty
1.	5 feet		24 barrels per day (Cased Off)	Salty
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops:

Remarks:

NOTE:

- Upon diminishing supply forms, please inform this office.
- Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
- If a water analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

## OIL &amp; GAS CONSERVATION COMMISSION

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____
b. TYPE OF COMPLETION:					
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR					
Associated Energy Corporation					
3. ADDRESS OF OPERATOR					
1877 E. 7000 So. Salt Lake City Utah					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*					
At surface NE 1/4 SW 1/4 sec 27 T15S R10E SL mer					
At top prod. interval reported below					
Same					
At total depth					
Same					
14. PERMIT NO.			DATE ISSUED		
43-007-30008			11.13.69		
15. DATE SPURRED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
1.12.70		1.20.70		1.20.70	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
5561 Gr		5561 GR			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
880'				No	
23. INTERVALS DRILLED BY				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
Rotary				Tunuck Shale 781'	
25. WAS DIRECTIONAL SURVEY MADE				26. TYPE ELECTRIC AND OTHER LOGS RUN	
NO.				Gamma Newton Ray	
27. WAS WELL CORED				28. CASING RECORD (Report all strings set in well)	
NO					
Casing Size		Weight, lb./ft.		Depth Set (MD)	
9"				3 joints	
Hole Size		Cementing Record		Amount Pulled	
7"		Quantity Sufficient			
29. LINER RECORD		30. TUBING RECORD			
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size
	none				Depth Set (MD)
					none
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
none					
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
None yet					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE		DATE	
[Signature]		President		4.30.70	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
TUNUCK	781'	?	SILT SANDSTONE			

MAY 1 1970

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> Fee
2. <b>NAME OF OPERATOR</b> Rancho Energy Corp.		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
3. <b>ADDRESS OF OPERATOR</b> P.O. Box 42210 Houston, Tx. 77242-2210		7. <b>UNIT AGREEMENT NAME</b>
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2100' FWL 1910' FSL		8. <b>FARM OR LEASE NAME</b> AEC - Miller Creek
14. <b>PERMIT NO.</b> 43-007-30008		9. <b>WELL NO.</b> #3
15. <b>ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 5561 GL		10. <b>FIELD AND POOL, OR WILDCAT</b> Miller Creek
		11. <b>SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> 27- T 15 S-R-10E
		12. <b>COUNTY OR PARISH</b> Carbon
		13. <b>STATE</b> UT

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well has been used for fuel for the Rancho Pipeline compressor since October, 1983.

**RECEIVED**

JUN 7 1984

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. A. Boehm

TITLE Staff Geologist

DATE 5/23/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AEC - #3 Miller Creek

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Miller Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

27-T 15 S-R-10E

12. COUNTY OR  
PARISH

Carbon

13. STATE

UT

1a. TYPE OF WELL: OIL ☐ WELL GAS ☐ WELL DRY ☐ Other

b. TYPE OF COMPLETION:

NEW  
WELL ☐WORK  
OVER ☒DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
RESVR. ☐

Other

2. NAME OF OPERATOR

Rancho Energy Corp.

3. ADDRESS OF OPERATOR

P.O. Box 42210 Houston, Tx. 77242-2210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

2100 FWSL 1910 FSL FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-007-30008

DATE ISSUED

JUN 7 1984

DIVISION OF OIL  
GAS & MINING

15. DATE SPUNDED

1/5/70

16. DATE T.D. REACHED

1/9/70

17. DATE COMPL. (Ready to prod.)

unk

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5561

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

909

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

0-909

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

unknown

Ferron 540-550

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray- Neutron

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	24"	90'	8 5/8	unk	
5 1/2	15.5	615'	6 1/4	unk	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

None- Open Hole

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION

unknown

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

producing to Residence

DATE OF TEST

HOURS TESTED

Not

CHOKE SIZE

PROD'N. FOR  
TEST PERIOD

OIL—BBL.

GAS—MCF.

unk

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED  
24-HOUR RATE

OIL—BBL.

GAS—MCF.

unk 9.8

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel &amp; residence

TEST WITNESSED BY

T. Tefteller

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. A. Boehm

TITLE

Staff Geologist

DATE

5/29/84

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

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**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos	0	462			
Ferron	462	640			
Tununk	640	TD			

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVE

## SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS &amp;

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

3. Address and Telephone Number:

4. Location of Well

Footages: 1910 FSL 2100 FWL

QQ, Sec., T., R., M.: NESW SEC. 27, T. 15S, R. 10E

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

AEC MILLER CREEK #3

9. API Well Number:

43-007-30008

10. Field and Pool, or Wildcat:

MILLER CREEK

County: CARBON

State: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate date work will start

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                    | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                  | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                   | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other OPERATOR CHANGE |   |

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Being used for Personal Use Only.

13.

Name &amp; Signature:

Title:

OPERATOR

Date:

12/15/94

(This space for State use only)

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (~~well sold~~) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

Routing:	
1- LEC	
2- LWPL 7-PL	
3- <del>DBS</del> 8-SJ	
4- VLG 9-FILE	
5- RJF	
6- LWP	

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-5-94)

TO (new operator)	<u>POWELL, ALMA OR BETTY</u>	FROM (former operator)	<u>ASSOCIATED ENERGY CORP</u>
(address)	<u>186 N 4TH W</u>	(address)	<u>(NO ADDRESS)</u>
	<u>PRICE UT 84501</u>		
	<u>phone (801) 637-3246</u>		<u>phone ( )</u>
	<u>account no. N0450 (12-9-94)</u>		<u>account no. P0061</u>

Well(s) (attach additional page if needed):

Name: <u>AEC MILLER CREEK #3/FR</u>	API: <u>43-007-30008</u>	Entity: <u>9276</u>	Sec <u>27</u> Twp <u>15S</u> Rng <u>10E</u>	Lease Type: <u>FEE</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Unable to locate)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 12-8-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(12-9-94)*
- Sup 6. Cardex file has been updated for each well listed above. *12-14-94*
- Sup 7. Well file labels have been updated for each well listed above. *12-14-94*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(12-9-94)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) *Cert. of Dep. # 48-935507-3/#1000. "Zions First Nat'l Bank"*

- Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Completion of routing.*
- Lec 3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date 12-9 1994. If yes, division response was made by letter dated 12-12 1994.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *- Not done anymore*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: December 16 1994.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</b>
2. NAME OF OPERATOR: <b>Alma O. Powell Family Trust</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <b>958 Drexel Street</b> CITY <b>Price</b> STATE <b>UT</b> ZIP <b>84501</b>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1910 FSL 2100 FWL</b>		8. WELL NAME and NUMBER: <b>AEC Miller Creek #3</b>
PHONE NUMBER: <b>(435) 650-4022</b>		9. API NUMBER: <b>4300730008</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 27 15S 10E</b>		10. FIELD AND POOL, OR WILDCAT: <b>Miller Creek</b>
COUNTY: <b>Carbon</b>		STATE: <b>UTAH</b>

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <b>4/11/2016</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

**Plug & Abandon Proposed Procedure:**  
Install 20 yards of 3" minus road base for access  
MIRU pulling unit, note shut in pressure  
dig down around well head to determine what is present  
RIH w/gauge ring on wireline to determine current depth of hole  
If deeper than 300', then pump class G cement from bottom to 150'  
If not deeper than 300', call the state to discuss other options.  
Perf 5.5" casing @ 100'  
Dig a small earthen pit for cement wash out  
attempt to circulate Class G cement to surface with 14 sks.  
cut casing string(s) off 4' below ground level  
weld on flat P&A plate and bury well head and pit.  
NDMO all equipment

**RECEIVED**

**APR 08 2016**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <b>Brent A. Powell &amp; Doreen Strong</b>	TITLE <b>Trustees of the Alma O. Powell Family Trust</b>
SIGNATURE <i>Brent A. Powell</i>	DATE <b>4/8/16</b>
SIGNATURE <i>Doreen Strong</i>	

(This space for State use only)  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**

DATE: **4/11/16**  
BY: *[Signature]*

(5/2000)

(See Instructions on Reverse Side)  
\* See Conditions of Approval (Attached)



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## ***CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL***

Well Name and Number: AEC Miller Creek 3  
API Number: 43-007-30008  
Operator: Betty Powell  
Reference Document: Original Sundry Notice dated April 8, 2016,  
received by DOGM on April 8, 2016.

### Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Note Plug #1. If don't get down to ~600' with gauge ring, contact Division, an attempt to wash down may be necessary. Sundry submitted in 1970 indicated well was drilled to 600' and cemented to surface. Good indication from this sundry that 5 1/2" casing was set and should be able to get down to at least 600'. Cement volume from 615' to 150' is approximately 54 sx.
3. Note Plug #2: If no circulation through perfs at 100', RIH to 150' and spot plug to surface (~23 sx). See note from file referenced in paragraph 2 above.
4. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.
5. All annuli shall be cemented from a minimum depth of 100' to the surface.
6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet

Petroleum Engineer

April 11, 2016

Date



## Wellbore Diagram

API Well No: 43-007-30008-00-00 Permit No:

Well Name/No: AEC MILLER CREEK 3

Company Name: POWELL, BETTY

Location: Sec: 27 T: 15S R: 10E Spot: NESW

Coordinates: X: 518119 Y: 4371098

Field Name: MILLER CREEK

County Name: CARBON

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	90	9			
SURF	90	7	24		4.567
HOL2	615	6.25			
PROD	615	5.5	15.5		7.483
HOL3	909	4.5			

7" x 5 1/2" → 18.529

4 1/2" hole (108) → 7.4829

Surface: 7 in. @ 90 ft.

Hole: 9 in. @ 90 ft.

100'

Plug #2

$$IN \quad 100' / (1.15) (7.483) = 12.5X$$

$$OUT \quad 100' / (1.15) (18.529) = 5.5X$$

150'

## Cement Information

175X

1970's doc suggest drilled to 600', cemented to surface

462'  
FRSD

Plug #1

$$Pass-out \quad 285' / (1.15) (7.4829) = 38.5X$$

$$5 1/2" csg \quad 465' / (1.15) (7.483) = 54.5X$$

Production: 5.5 in. @ 615 ft.

Hole: 6.25 in. @ 615 ft.

## Perforation Information

640'

TNUNK

## Formation Information

Formation	Depth
MNCS	0
FRSD	462
TNUNK	640

Hole: 4.5 in. @ 909 ft.

TD: 909 TVD: PBTD:

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9



## SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: <b>958 Drexel Street</b> CITY <b>Price</b> STATE <b>UT</b> ZIP <b>84501</b>		7. UNIT or CA AGREEMENT NAME:
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### CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>5/11/2016</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Plug & Abandon Procedure:**  
 Installed 120 yards of rock & 3" minus road base for access  
 MIRU pulling unit, noted shut in pressure of 37 PSI (dry hole)  
 dug down around well head to expose surface casing  
 RIH w/tubing & tagged bottom at 716' GL  
 Mixed & pumped 40 sx of class G cement at 15.8 ppg  
 WOC  
 MIRU wireline truck perforated 5.5" casing @ 100'  
 RIH with 2 3/8 tubing tag TOC @ 312'  
 mix & pump 55 sx class G cement @15.8 ppg to surface  
 POOH & circulated cement through perms at 100' back to surface of annulus  
 cut casing string(s) off 7' below ground level  
 weld on flat P&A plate and bury well head and pit.  
 NDMO all equipment

NAME (PLEASE PRINT)	<i>Brent A. Powell, Doreen Strong</i>	TITLE	<i>Trustees</i>
SIGNATURE	<i>Brent A. Powell, Doreen Strong</i>	DATE	<i>6/2/16</i>

(This space for State use only)